

CURRICULUM VITAE

Residential Address:

Dr. Renuka K.P.
Shree Nilaya
2nd Main, 2nd Cross, Vijay Nagar
Shimoga -577201
Karnataka(S)
INDIA
Email I'd: renu.kp27@gmail.com
Mobile: 09148645983

EDUCATION PROFILE :

Examination Passed	Subject	Year	Result
Ph.D.,	Evaluation of Probiotics on Growth, Survival and Disease Resistance of Carps.	2016	Awarded
M.Sc.,	Microbiology	2007	First Class
B.Sc.,	Chemistry, Botany, Zoology	2005	First Class
One Year Certificate Course	Pathological Laboratory Technology	2004	First class

ACADEMIC EXPERIENCE:

Area of Specialization in Research: Aquatic Microbiology, Probiotics application, Immunology, Immuno Technology and Fish Pathology.

Research Experience: Seven Years

1. Conducted an extensive investigation for **Ph.D.** Thesis on the topic entitled “**Evaluation of Probiotics on Growth, Survival and Disease Resistance of Carps**”. Under the guidance of **Dr. M. Venkateshwarlu**, Professor, Department of P.G. Studies and Research in applied zoology, Kuvempu University and Co-Guidance of **Dr. A. T. Ramachandra naik**, Associate Professor, Department of Fisheries Environment and Ecology, College of Fisheries, Mathsyanagar, Mangalore: **2008 to 2015**.

2. **M.Sc., Project:** “Isolation and screening of phylloplane fungus with special references to grasses”

Teaching Experience: 06 Years

1. **2018 to till today:** Working as Guest faculty in the Department of Microbiology, Kuvempu University, Shankaraghatta, Shivamogga.

Awards and Recognition:

1. **Junior Research Fellowship (JRF):** During the period of **2009 to 2011** by Rajiv Gandhi National Fellowship (UGC, New Delhi) for Ph.D. Programme.
2. **Senior Research Fellowship (SRF):** During the period of **2011 to 2014** by Rajiv Gandhi National Fellowship (UGC, New Delhi) for Ph.D. Programme.

RESEARCH PAPERS PUBLISHED IN NATIONAL AND INTERNATIONAL JOURNALS:

1. **Renuka K.P., Venkateshwarlu M., Ramachandra Naik A.T. and Prashantha Kumara S.M.** 2013. Influence of Probiotics on Growth Performance and Digestive Enzyme Activity of Common carp (*Cyprinus carpio*). *IJCR*, vol. 5, issue 07, pp.1696-1700.
2. **Renuka K.P., Venkateshwarlu M. and Ramachandra Naik A.T.** 2014. Effect of Probiotic (*Lactobacillus acidophilus*) on Haematological Parameters of *Catla catla* (Hamilton). *Int. J. Curr. Microbiol.App.Sci.* 3(8)326-335.
3. **Renuka Kulenur Parashuramapp.**2024. Review Article: Role of Probiotics on Aquaculture: Importance and Future Perspectives. *Int. J. Curr. Microbiol. App. Sci* 13(07): 180-195.
4. **Renuka K.P.** 2024. Effect of commercial probiotics on growth, survival and water quality of *Catla catla*. *International Journal of Research and Analytical Reviews*. Vol 11(3):250-266.

WORKSHOP PARTICIPATED:

1. Participated in National Level Workshop on Usage of Instrument for Nanotechnology Applications. 25th April 2011. Kuvempu University, Shimoga. Karnataka. INDIA.

2. Participated in One Day Workshop on “Green House and Protection of Tissue Cultured Banana Plants in Gardens”. 8th August 2011. Kuvempu University, Shimoga. Karnataka. INDIA.
3. Participated in one day workshop on “Bio prospecting of medicinal plants & their metabolites on mucormycosis (black fungus)”. 10th January 2025. Kuvempu university, Shimoga. Karnataka. INDIA.

RESEARCH PAPERS PRESENTED IN VARIOUS CONFERENCE

- 2010:** International Conference on “Environmental Pollution, Water Conservation and Health” 29th to 31st July 2010. Bangalore University, Karnataka. INDIA. **Oral presentation**– Isolation and Identification of Probiotics from Fish intestine (*Cyprinus carpio*).
- 2011:** National Conference on “Recent Trends in Aquatic ecology, Utility, Conservation and Sustainable Management” 2nd and 3rd September 2011. Department of Zoology, Government First Grade College, Chikballapur, Karnataka. INDIA. **Oral presentation** – Ichthyofaunal Diversity in Tunga River at Gajanur Dam with Special Emphasis to Fish
- 2011:** International Conference on “Climate Change, Forest Resource and Environment” 9th to 11th December 2011. University of Kerala, Kerala. INDIA. **Poster presentation** – Influence of feeding *Lactobacillus sp.* as a probiotic on growth parameters of Common carp (*Cyprinus carpio*).
- 2012:** National Conference on “New Frontiers in Animal Science” 9th and 10th April 2012. Kuvempu University, Shimoga, Karnataka. INDIA. **Poster presentation** – Evaluation of commercial probiotic on biochemical and haematological parameters of *Catla catla*.
- 2014:** National Conference on “Recent Trends and Future Prospects of Microbiology and Biotechnology” 3rd and 4th March 2014. Shri Jagdishprasad Jhabarmal Tibrewala University, Rajasthan. INDIA. **Oral presentation**– Evaluation of probiotics on immunological and water quality parameters of Common carp.
- 2014:** National Conference on “Biodiversity Conservation and Sustainable Management” 25th and 26th March 2014. Kuvempu University, Shimoga, Karnataka. INDIA. **Poster presentation** - Evaluation of dietary administration of probiotic on disease resistance of *Catla catla*.

CONFERENCES / SEMINARS/ SYMPOSIUM ATTENDED

- 2006:** National Seminar on “New Frontiers in Plant Pathology” 28th to 30th September 2006. Kuvempu University, Shimoga. Karnataka. INDIA.
- 2008:** 24th National Conference of ISCAP on “Biotechnological Strategies for Biodiversity Conservation” 13th to 15th March 2008. Kuvempu University, Shimoga. Karnataka. INDIA.
- 2009:** UGC Sponsored National Seminar on “Darwin-200, the Origin of Species-150: Darwinism in Modern Perspective” 13th March 2009. DVS College of Arts and Science, Shimoga. Karnataka. INDIA.
- 2009:** Two Days National Seminar on “Recent Advances and Challenges in Biochemistry and Biotechnology, 1st and 2nd April 2009. Kuvempu University, Shimoga. Karnataka. INDIA.
- 2010:** Two Days National Seminar on “Impact of Microbes on Health” 27th and 28th February 2010. Kuvempu University, Shimoga. Karnataka. INDIA.
- 2010:** One Day Seminar on “Recent Advances in Microbiology” 19th March 2010. Sahyadri Science College, Kuvempu University, Shimoga. Karnataka. INDIA.
- 2010:** National Seminar on “Strategies for Biodiversity Conservation and Management” 6th May 2010. Kuvempu University, Shimoga. Karnataka. INDIA.
- 2011:** Two Days National Seminar on “Present Scenario of Microbial Life” 28th and 29th March 2011. Kuvempu University, Shimoga. Karnataka. INDIA.
- 2011:** Two Days National Seminar on “Challenges in Malaria and Other Infectious Disease Research” 3rd and 4th May 2011. Kuvempu University, Shimoga. Karnataka. INDIA.
- 2012:** National Seminar on “Advance in Zoology & Life processes” 9th to 11th February 2012. Goa University, Goa. INDIA.
- 2012:** State Level Symposium on “Contemporary Scenarios in Microbiology” 27th February 2012. Sahyadri Science College, Kuvempu University, Shimoga. Karnataka. INDIA.

- 2012:** Kuvempu University Silver Jubilee Exhibition. Organized by Committee for Popularization of Science Education “Prepared Model” 16th to 19th February 2012. Kuvempu University, Shimoga. Karnataka. INDIA.
- 2012:** Two Days National Seminar on “Role of Microbes: Past, Present and Future” 28th and 29th March 2012. Kuvempu University, Shimoga. Karnataka. INDIA.
- 2012:** Two Days National Seminar on “Progress in Biomedical Research and Its Impact on Human Health” 2nd and 3rd April 2012. Kuvempu University, Shimoga, Karnataka, INDIA.
- 2012:** One Day National Seminar on “Pharmaceutical Chemistry and Technology” 2nd May 2012. Kuvempu University, Shimoga. Karnataka. INDIA.
- 2012:** National Seminar on “Science for Shaping the Future of India Faunal Diversity Challenges and Opportunities” 19th to 21st November 2012. University of Kashmir, Srinagar. INDIA.
- 2014:** One Day Programme on “Health Science Research Day “18th July 2014. Kuvempu University, Shimoga. Karnataka. INDIA.
- 2015:** C.P.E Sponsored One Day State Level Seminar on “Advances in Animal Science” 14th March 2015. Kuvempu University, Shimoga. Karnataka. INDIA.
- 2015:** One Day Seminar on “Human Disease: Current Advance in Understanding the Molecular Mechanism and Therapy” 17th April 2015. Kuvempu University, Shimoga. Karnataka. INDIA.
- 2018:** One day state level seminar on “Neoteric Advances in Microbiology (NAM-2018)” 22nd December. Dept of Microbiology, Sahyadri Science College Shimoga. Karnataka. INDIA.
- 2020:** One day national conference on “Innovative microbial trends and challenges in the Environment (IMTCE-2020)” 02nd March. Dept of Microbiology, Kuvempu University, Shimoga. Karnataka. INDIA.
- 2021:** One day national seminar on “Emerging Viral Diseases –Covid-19 & KFD and their prevention” 8th March. Dept of microbiology, Kuvempu University, Shimoga. Karnataka. INDIA.

2022: Two days national seminar on “Current Developments in Microbiology” 24th & 25th March. Dept of Microbiology, Kuvempu University, Shimoga. Karnataka. INDIA.

AWARDS AND RECOGNITION:

Best Poster Presentation: First Prize

1. National Conference on “Recent Trends and Future Prospects of Microbiology and Biotechnology” 3rd and 4th March 2014. Shri Jagdishprasad Jhabarmal Tibrewala University, Rajasthan. INDIA. **Oral presentation** – Evaluation of probiotics on immunological and water quality parameters of *Common carp*.

SCIENCE RELATED AND CULTURAL ACTIVITIES:

1. Participated in **Wildlife Lovers Meet** 10th July 2010. Organized by Western Ghats task force in Karnataka, Bhadravahi forest division and dept. of environmental science, Kuvempu University, Shimoga. Karnataka. INDIA.
2. Participated in “**Kuvempu University Silver Jubilee Science Exhibition-2012**” (Silver Jubilee Celebrations-2012) organized by Committee for Popularization of Science Education, Kuvempu University, Jnanasahyadri, Shankaraghatta-577 451. At the University Campus during 16th - 19th February-2012.
3. Served as active member for models preparation in **Silver Jubilee Science Exhibition 2012**” (Silver Jubilee Celebrations-2012) organized by Committee for Popularization of Science Education, Kuvempu University, Jnanasahyadri, Shankaraghatta-577 451. At the University Campus during 16th - 19th February-2012.
4. Participated in the training of “**Faculties on climate and environmental education**” conducted by the centre for environment education in collaboration with the govt. of Karnataka with the support of UNICEF, held from 6th & 7th January 2023. Bangalore.
5. Worked as volunteer and attended camp in National Service Scheme, Kuvempu University organized by SIR M.V Govt Science College, Bommanakatte, Bhadravathi, during 2002-2005.
6. Participated in Kuvempu university inter college cultural competition and got first prize for rangoli competition, during 13th, 14th, and 15th October 2006.

TECHNICAL SKILLS:

- a. Basic Microbiological techniques
- b. Immuno Technology
- c. Production and purification of polyclonal antibodies from rabbit and mice
- d. Isolation and purification of DNA from bacteria
- e. Isolation and Purification of IgG from human blood
- f. Isolation and Purification of IgY from chicken egg
- g. ELISA
- h. Radial Immune Diffusion
- i. Affinity Chromatography
- j. Gel electrophoresis
- k. Wine production
- l. Mushroom production
- m. Animal Handling
- n. Haematological techniques
- o. Cultivation of *Drosophila melanogaster*
- p. Isolation of polytene chromosome in salivary gland of *Drosophila melanogaster*
- q. Medical Laboratory Technology

OTHER SKILLS/ INFORMATION:

Languages known: Kannada, English and Hindi.

Hobbies: Gardening, Reading books, painting, drawing and nature photography.

Computer Proficiency: Diploma in Computer Application, one year course SPAN Computer Education, Bhadravathi, Karnataka. India. 2004-05. MS-Office, Windows, Statistical Data Analysis Programs SPSS (Statistical Package for Social Sciences) Programme.

Declaration:

I hereby declare that all the above information given is true to my best knowledge.

Date: 19-03-2025

Place:

Signature of the Candidate

(DR. RENUKA. K. P.)

